

Title (en)  
A BEVERAGE MACHINE USING INGREDIENT CAPSULES

Title (de)  
GETRÄNKEMASCHINE MIT INHALTSSTOFFKAPSELN

Title (fr)  
MACHINE À BOISSON UTILISANT DES CAPSULES D'INGRÉDIENT

Publication  
**EP 2547240 A2 20130123 (EN)**

Application  
**EP 11708854 A 20110316**

Priority  
• EP 10290148 A 20100319  
• EP 2011053948 W 20110316  
• EP 11708854 A 20110316

Abstract (en)  
[origin: WO2011113854A2] The invention concerns a beverage machine comprising a casing (32) enclosing: - a first part (34) for receiving an ingredient capsule therein, - a second part (70) having a surface (91) provided with perforating projecting members (90) facing the first part, - an opening (76) in the casing enabling the capsule to be inserted in a direction of insertion (Z) between the first and second parts, the first and second parts being movable relative to each other along a longitudinal axis (X) perpendicular to surface (91) between a first position in which first and second parts are spaced apart so that the ingredient capsule is inserted therebetween and a second position in which first and second parts are close to each other so that the capsule is in contact with the member. The members (90) are provided in an arrangement on the surface with respect to the opening (76) so as to permanently reduce the risk of trapping of the capsule by the members during the capsule insertion.

IPC 8 full level  
**A47J 31/06** (2006.01)

CPC (source: EP US)  
**A47J 31/3628** (2013.01 - EP US); **A47J 31/3633** (2013.01 - EP US)

Citation (search report)  
See references of WO 2011113854A2

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**WO 2011113854 A2 20110922; WO 2011113854 A3 20120503**; AU 2011229234 A1 20121011; AU 2011229234 B2 20150625; BR 112012023620 A2 20160802; CA 2793306 A1 20110922; CN 102905584 A 20130130; CN 102905584 B 20150408; EP 2547240 A2 20130123; EP 2547240 B1 20181226; ES 2711833 T3 20190507; JP 2013521911 A 20130613; JP 5977679 B2 20160824; PT 2547240 T 20190402; RU 2012144401 A 20140427; RU 2555958 C2 20150710; US 2013001251 A1 20130103; ZA 201207855 B 20140326

DOCDB simple family (application)  
**EP 2011053948 W 20110316**; AU 2011229234 A 20110316; BR 112012023620 A 20110316; CA 2793306 A 20110316; CN 201180023954 A 20110316; EP 11708854 A 20110316; ES 11708854 T 20110316; JP 2012557535 A 20110316; PT 11708854 T 20110316; RU 2012144401 A 20110316; US 201113635293 A 20110316; ZA 201207855 A 20121018